

FORM PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office		Attorney Docket No.: MSU-06787		Serial No.: 10/073,464		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use Several Sheets If Necessary)				Applicant: James Tiedje <i>et al.</i>				
				Filing Date: 02/11/2002		Group Art Unit: 1634		
(37 CFR § 1.98(b))								
U.S. PATENT DOCUMENTS								
Examiner Initials	Cite No.	Serial / Patent Number	Issue Date	Applicant / Patentee	Class	Subclass	Filing Date	
DMS	1	4,683,195	07/28/87	Mullis <i>et al.</i>	435	6	02/07/86	
	2	4,683,202	07/28/87	Mullis	435	91	10/25/85	
	3	4,965,188	10/23/90	Mullis <i>et al.</i>	435	6	06/17/87	
	4	5,800,992	09/01/98	Fodor <i>et al.</i>	435	6	06/25/96	
	5	5,871,928	02/16/99	Fodor <i>et al.</i>	435	6	06/11/97	
	6	5,925,525	07/20/99	Fodor <i>et al.</i>	435	6	04/03/98	
	7	6,001,564	12/14/99	Bergeron <i>et al.</i>	435	6	09/11/95	
	8	6,004,755	12/21/99	Wang	435	6	04/07/98	
	9	6,228,575	05/08/01	Gingeras <i>et al.</i>	435	5	02/07/97	
FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS								
		Document Number	Publication Date	Country / Patent Office	Class	Subclass	Translation	
							Yes	No
DMS	10	WO 97/29212	08/14/97	Gingeras <i>et al.</i>	C12Q	1/68		
	11	WO 00/52203	09/08/00	French <i>et al.</i>	C12Q	1/68		
OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)								
DMS	12	Anderson and Young, "Quantitative Filter Hybridization," in <u>Nucleic Acid Hybridization</u> , Hames and Higgins (eds.) IRL Press Limited, Oxford [1985] title and copyright pages only						
	13	Chamberlin <i>et al.</i> , "New RNA polymerase from <i>Escherichia coli</i> infected with bacteriophage T7," <i>Nature</i> , 228:227-231 [1970]						
	14	Cho and Tiedje, DNA relatedness of world-wide collection of fluorescent <i>Pseudomonas</i> genotypes," <u>Abstracts of the 100th General Meeting of the American Society for Microbiology</u> , American Society for Microbiology, Washington, DC [2000]						
	15	DeParasis and Roth, "Nucleic acid probes for identification of phytobacteria: Identification of genus-specific 16s rRNA sequences," <i>Phytopathol.</i> , 80:618-621 [1990]						
	16	Devereux <i>et al.</i> , "Diversity and origin of <i>Desulfovibrio</i> species: Phylogenetic definition of a family," <i>J. Bacteriol.</i> , 172:3609-3619 [1990]						
	17	Erlich (ed.), <u>PCR Technology</u> , Stockton Press, New York [1989] title and copyright pages only						
	18	Fox <i>et al.</i> , "How close is close: 16S rRNA sequence identity may not be sufficient to guarantee species identity," <i>Int. J. Syst. Bacteriol.</i> , 42:166-170 [1992]						
	19	Kacian <i>et al.</i> , "A replicating RNA molecule suitable for a detailed analysis of extracellular evolution and replication," <i>Proc. Natl. Acad. Sci. USA</i> , 69:3038-3042 [1972]						
	20	Keswani <i>et al.</i> , "Phylogeny and taxonomy of mesophilic <i>Methanococcus</i> ssp. and comparison of rRNA, DNA hybridization, and phenotypic methods," <i>Int. J. Syst. Bacteriol.</i> , 46:727-735 [1996]						
	21	Legendre and Legendre, <u>Numerical Ecology</u> , Elsevier Science, Amsterdam [1998] title and copyright pages only						
	22	Lessie <i>et al.</i> , "Genomic complexity and plasticity of <i>Burkholderia cepacia</i> ," <i>FEMS Microbiol. Lett.</i> , 144:117-128 [1996]						
	23	Martinez-Murcia <i>et al.</i> , "Phylogenetic interrelationships of members of the genera <i>Aeromonas</i> and <i>Plesiomonas</i> as determined by 16S ribosomal DNA sequencing: Lack of congruence with results of DNA-DNA hybridization," <i>Int. J. Syst. Bacteriol.</i> , 42:412-421 [1992]						
DMS	24	Misaghi and Grogan, "Nutritional and biochemical comparisons of plant-pathogenic and saprophytic fluorescent pseudomonads," <i>Phytopathol.</i> , 59:1436-1450 [1969]						
Examiner: Diana B.				Date Considered: 11/5/03				
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								

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OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)					
25	Moore <i>et al.</i> , "The determination and comparison of the 16S rRNA gene sequences of species of the genus <i>Pseudomonas</i> (<i>sensu stricto</i>) and estimation of the natural intrageneric relationships," <i>Syst. Appl. Microbiol.</i> , 19:478-492 [1996]				
26	Palleroni <i>et al.</i> , "Deoxyribonucleic acid homologies among some <i>Pseudomonas</i> species," <i>J. Bacteriol.</i> , 110:1-11 [1972]				
27	Pecknold and Grogan, "Deoxyribonucleic acid homology groups among phytopathogenic <i>Pseudomonas</i> species," <i>Int. J. Sys. Bacteriol.</i> , 23:111-121 [1973]				
28	Pielou, "The measurement of diversity in different types of biological collections," <i>J. Theor. Biol.</i> , 13:131-144 [1966]				
29	Rademaker <i>et al.</i> , "Comparison of AFLP and rep-PCR genomic fingerprinting with DNA-DNA homology studies: <i>Xanthomonas</i> as a model system," <i>Int. J. Syst. Evol. Microbiol.</i> , 50:665-677 [2000];				
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31	Sands <i>et al.</i> , "Taxonomy of phytopathogenic pseudomonads," <i>J. Bacteriol.</i> , 101:9-23 [1970]				
32	Schena (ed.), <i>Microarray Biochip Technology</i> , Eaton Publishing, Natick, MA [2000] title and copyright pages only				
33	Sokal and Sneath, <i>Principles of Numerical Taxonomy</i> , W. H. Freeman & Co., San Francisco [1963] title and copyright pages only				
34	Stackebrandt and Goebel, "Taxonomic note: A place for DNA-DNA reassociation and 16S rRNA sequence analysis in the present species definition in bacteriology," <i>Int. J. Syst. Bacteriol.</i> , 44:846-849 [1994]				
35	Stanier <i>et al.</i> , "The aerobic pseudomonads: a taxonomic study," <i>J. Gen. Microbiol.</i> , 43:159-271 [1966]				
36	Wayne <i>et al.</i> , "Report of the ad hoc committee on reconciliation of approaches to bacterial systematics," <i>Int. J. Syst. Bacteriol.</i> , 37:463-464 [1987]				
37	Weisburg <i>et al.</i> , "16S ribosomal DNA amplification for phylogenetic study," <i>J. Bacteriol.</i> , 173:697-703 [1991]				
38	Woese, "Bacterial evolution," <i>Microbiol. Rev.</i> , 51:221-271 [1987]				
39	Wu and Wallace, "The ligation amplification reaction (LAR)-amplification of specific DNA sequences using sequential rounds of template-dependent ligation," <i>Genomics</i> , 4:560-569 [1989]				
40	GenBank Accession No. AE005174, first page of 1209 page document, Perna <i>et al.</i> , Jan 2001				
41	GenBank Accession No. L00026, Gallwitz <i>et al.</i> , April 1993				
42	GenBank Accession No. M12239, Hagen <i>et al.</i> , April 1993				
43	GenBank Accession No. U00096, Blattner <i>et al.</i> , November 2002				
44	ATCC 9447 <i>Pseudomonas chlororaphis</i>				
45	ATCC 12633 <i>Pseudomonas putida</i>				
46	ATCC 13525 <i>Pseudomonas fluorescens</i>				
47	ATCC 13985 <i>Pseudomonas aureofaciens</i>				
48	ATCC 15692 <i>Pseudomonas aeruginosa</i>				
49	ATCC 17307 <i>Pseudomonas fluorescens</i>				
50	ATCC 17400 <i>Pseudomonas fluorescens</i>				
51	ATCC 17429 <i>Pseudomonas aeruginosa</i>				
52	ATCC 17461 <i>Pseudomonas fluorescens</i>				
53	ATCC 17811 <i>Pseudomonas chlororaphis</i>				
54	ATCC 33512 <i>Pseudomonas fluorescens</i>				
55	LMG 5039 <i>Pseudomonas marginalis</i>				
Examiner: <i>Diane P</i>		Date Considered: 11/5/03			
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